

CATEGORY

WASTE MANAGEMENT SYSTEMS



PRODUCT / TECHNOLOGY



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Technology Detail

DIGITAL ECOSYSTEM ACROSS THE WASTE VALUE CHAIN (RECYKAL) /
WASTE MANAGEMENT SYSTEM

Alternate to conventional practice of waste collection & disposal/processing



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Video

CONTACT DETAILS

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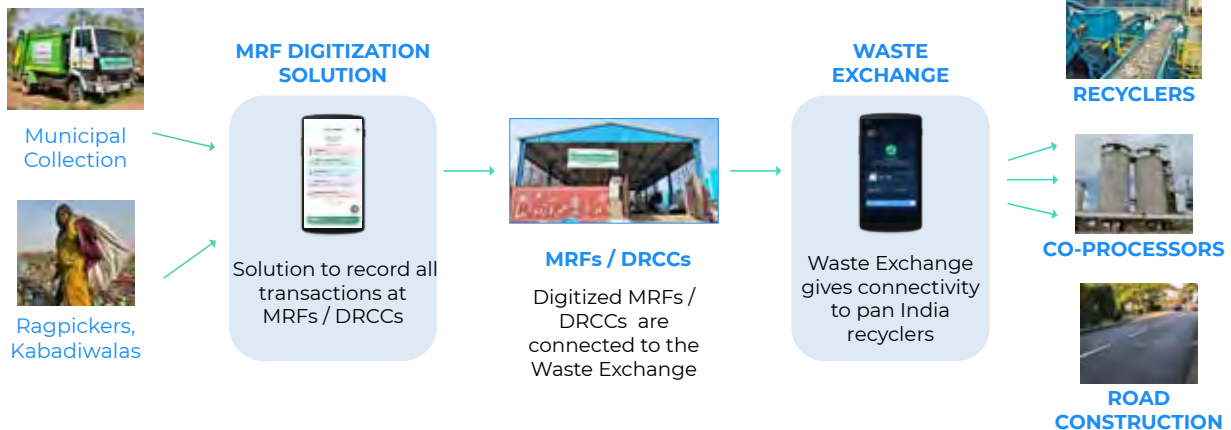


BRIEF

Recykal's digital Waste Ecosystem includes an on-line marketplace connecting buyers and sellers of waste (plastic, paper, e-waste etc.). Here, Waste Generators (Businesses, Consumers), Waste Processors (Aggregators, Informal Sector) and Recyclers across the Country, are connected digitally. The system benefits not only all stakeholders in the waste management value chain, but support a sustainable waste management value chain for the benefit of society and the environment. It provides comprehensive solutions to the Brands via take back & exchange systems, collection centres, reward points, consumer awareness, recycling, and enables them to achieve their Extended Producer Responsibility (EPR) objectives.

Waste Exchange

Online marketplace connecting buyers and sellers of waste



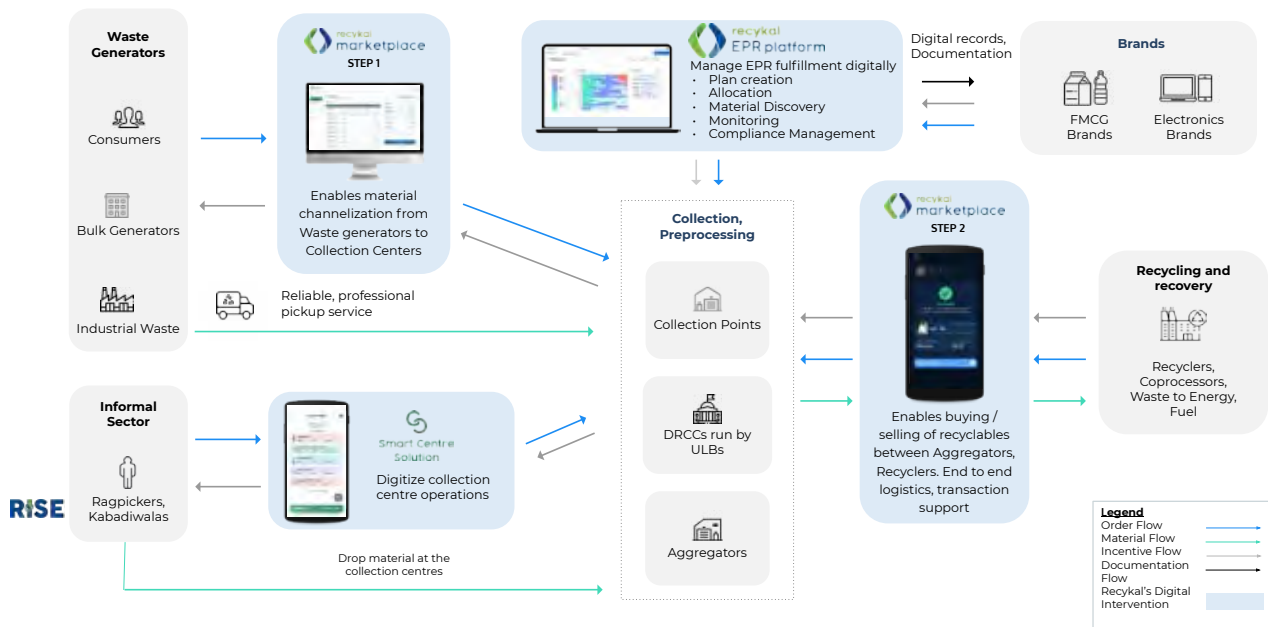
SALIENT FEATURES

- Recykal is India's first cloud-based platform to buy and sell recyclables to accelerate India's circular economy shift.
- Provides Pan India tracing of waste streams
- End to end traceability, transparency and efficiency of all transactions
- Access to a pan India network of registered recyclers, willing to pay premium prices
- Access to rich actionable data and analytics by geography
- Enabling formalization of informal sector participants
- Improved monitoring and governance mechanisms
- Tech-enabled EPR target fulfillment

ECONOMIC ASPECTS

- Generation of revenue from waste.
- To benefit economically the informal sector players (Ragpickers, Kawadiwalas) through better revenues

Recykal's Waste Ecosystem





SUSTAINABILITY ASPECT

- The cloud based platform helps to accelerate India's circular economy in the related sector.
- Facilitates Reuses & recycling of waste.
- Saves land, water bodies & atmosphere from waste & pollution

SUITABILITY AND AVAILABILITY

- This platform provides on-demand supply for e-waste.
- Platform and services readily available via websites and toll free call centers.

LIMITATIONS (IF ANY)

- The waste management includes dry waste only.

MARKET LINKAGES

- Software platform, which works and provides services across country.

The image displays the Recykal marketplace interface. On the left, the 'recykal marketplace' logo is shown above a grid of service features:

- Bridges demand-supply gap
- Provides pricing visibility
- Helps locate category specific supply
- CONSISTENT SUPPLY OF MATERIALS
- DIGITAL PAYMENTS
- ONLINE DOCUMENTATION
- ORDER TRACKING, TRACEABILITY
- END TO END LOGISTICS
- CUSTOMER SUPPORT

On the right, a smartphone displays the app interface, showing a grid of material listings with prices:

Material	Price
White Spun PET Fibre Grade	₹28.32
Brown Spun PET Fibre Grade	₹45.34
Black Spun PET Fibre Grade	₹23.00
Brown Spun PET Fibre Grade	₹64.43

MAJOR PROJECTS

- The company is headquartered in Hyderabad, Telengana with five regional Offices and have pan India presence. As per the details, it serves 100+ Brands (Companies), 150+ Recyclers, 65+ Municipal Corporation/ Smart Cities, 1000+ business users, 20,000+ MT materials processed per month & 4,00,000+ App downloads.

CERTIFICATION/INDIAN STANDARD/ENDORSEMENT

- No details

